

PMC-EF2a

(2.04.02)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: Commonwealth of the Northern Mariana Islands (CNMI) Department of Public Works **STATE:** MP

**PROJECT
TITLE :** Green Energy Schools Project

| | | | |
|--|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DE-FOA-0000052 | DE-EE-0000220 | GFO-10-103-003 | 0 |

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

The Commonwealth of the Northern Mariana Islands (CNMI) will use a portion of their SEP grant to fund the "Green Energy School Project" was designed to take advantage of the renewable and reliable source of power to the schools critical needs, evaluating the wind energy development process in the Commonwealth, and assessing wind turbine and solar arrays for future wind energy development of the schools and 'net metering' along the public utilities grid. Currently PSS – Saipan Southern High School is taking the initiative to practice Energy Conservation by installing a wind turbine within their school compound. By applying classroom energy conservation techniques, each classroom was retrofitted with electronic ballast in order to be in compliance with the required wind turbine specification resulting with the reduction of energy consumption estimating up to 75%. Therefore, eight (8) unit wind turbines will be erected, in addition to nine (9) each solar panel arrays throughout the Commonwealth of the Northern Mariana Islands Public School System for the islands of Saipan, Tinian and Rota.

Saipan:

Kagman High School (1 wind turbine unit and 9 solar panels)
Cha cha Oceanview Junior High School (1 wind turbine unit and 9 solar panels)
Garapan Elementary School (1 wind turbine unit and 9 solar panels)
Gregorio T. Camacho Elementary School (1 wind turbine unit and 9 solar panels)

Tinian:

Tinian Junior High School (1 wind turbine unit and 9 solar panels)
Tinian Elementary School (1 wind turbine unit and 9 solar panels)

Rota:

Rota – Sinapalo Elementary School (1 wind turbine unit and 9 solar panels)
Rota High School (1 wind turbine unit and 9 solar panels)

Wind turbines (1x) - 2.4 kW

Solar panels (9x) - 3.6 kW

In the performance of work in all program areas, DOE requires the state to assure that their work and the work its' sub-contractors will comply with all applicable federal, state and local laws, regulations and standards, including but not limited to the handling, storage, transportation and disposal of waste. If a grantee proposes work that may affect an historic property or archaeological resource listed in or determined to be eligible for the National Register of Historic Places, the grantee will be required to comply with the requirements of Section 106 of the National Historic Preservation Act.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:

This Determination excludes the "Green Energy Schools Project" for Saipan Southern High School.

This restriction does not preclude you from:

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

NEPA Compliance Officer

Date: _____

2/11/10

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- ☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- ☐ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____

Field Office Manager

Date: _____